



Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)


Department of Biotechnology
Structured Work Plan for Teaching
Academic Year 2023-24 (Term-I)

1. Details of Classes to be taught

| Class | Name of Teacher | Subject | Course Title and Code | Lab Course and Code | Total Lectures |
|----------------------------|--------------------|---------------|--------------------------------------|---------------------------|-------------------|
| B.Sc. BT. II (III Sem.) | Ms. K. S. Komatwar | Biotechnology | Immunology and Virology U-IMV-399 | Lab Course X U-LAC-403 | 45 (3-Credits) |


2. Summary of Lesson Plan

| Sr. No. | Unit and Chapter to be covered | Expected No. of Lectures | Date | Academic activities to be organized | No of Test/ Assignment with topic and date |
|---------|--|--------------------------|--------------------------------|---|---|
| 1 | Unit I: Overview of Immunology | 15 | 26.06.2023 to 18.07.2023 | Quiz | Online MCQ Test |
| 2 | Unit II: Basics of Immunology | 10 | 19.07.2023 to 08.08.2023 | Coaching for Entrance Examination (IIT JAM, JNU etc.) | Activity based Unit Test-I Home Assignment 07.08.2023 |
| 3 | Unit III: Introduction to Viruses | 10 | 09.08.2023 to 05.09.2023 | Workshop | Surprise Test |
| 4 | Unit IV: Life Cycle of Viruses | 10 | 06.09.2023 to 14.10.2023 | Guest Lecture | Unit Test II (MCQ) 23.09.2023 |


Course Teacher


HoD
Head

Department of Biotechnology
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Department of Food Processing Technology
Structured Work Plan for Teaching
Academic Year 2023-24 (Term-I)

1. Details of Classes to be taught

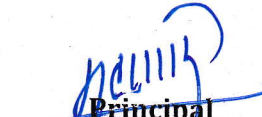
| Class | Name of Teacher | Subject | Course Title and Code | Lab Course and Code | Total Lectures |
|--------------------------|--------------------|----------------------------|---|----------------------------|-------------------|
| B.Voc. FPT. III (V Sem.) | Ms. K. S. Komatwar | Food Processing Technology | Food and Beverage Processing U-FBP-654 | Lab Course XV U-LAC-657 | 60 (4-Credits) |

2. Summary of Lesson Plan

| Sr. No. | Unit and Chapter to be covered | Expected No. of Lectures | Date | Academic activities to be organized | No of Test/ Assignment with topic and date |
|---------|--|--------------------------|--------------------------------|---|---|
| 1 | Unit I: Introduction to Beverages | 13 | 26.06.2023 to 18.07.2023 | Quiz | Online MCQ Test |
| 2 | Unit II: Manufacturing Process of Beverages | 17 | 19.07.2023 to 08.08.2023 | Coaching for Entrance Examination (IIT JAM, JNU etc.) | Activity based Unit Test-I Home Assignment 07.08.2023 |
| 3 | Unit III: Alcoholic Beverages | 15 | 09.08.2023 to 05.09.2023 | Workshop | Surprise Test |
| 4 | Unit IV: Packages Drinking Water | 15 | 06.09.2023 to 14.10.2023 | Guest Lecture | Unit Test II (MCQ) 23.09.2023 |


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Department of Biotechnology
Structured Work Plan for Teaching
Academic Year 2023-24 (Term-I)

1.Details of Classes to be taught

| Class | Name of Teacher | Subject | Course Title and Code | Total Lectures |
|---------------------------|--------------------|---------------|------------------------------------|----------------|
| B.Sc. BT. III (V Sem.) | Ms. K. S. Komatwar | Biotechnology | Environmental Studies U-ENS-541 | 30 |

2.Summary of Lesson Plan

| Sr. No. | Unit and Chapter to be covered | Expected No. of Lectures | Date | Academic activities to be organized | No of Test/ Assignment with topic and date |
|---------|--|--------------------------|--------------------------------|-------------------------------------|--|
| 1 | Unit I: Introduction and Natural Resources | 10 | 15.07.2023 to 19.08.2023 | Quiz | Online MCQ Test |
| 2 | Unit II: Ecosystems | 08 | 26.08.2023 to 16.09.2023 | Coaching for NET/SET Examination | |
| 3 | Unit III: Biodiversity and its Conservation | 06 | 23.09.2023 to 07.10.2023 | | Surprise Test |
| 4 | Unit IV: Environmental Pollution and its Mitigation | 06 | 08.10.2023 to 14.10.2023 | Field Visit | Report 14.10.2023 |



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Department of Biotechnology
Structured Work Plan for Teaching
Academic Year 2023-24 (Term-II)

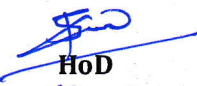
1. Details of Classes to be taught

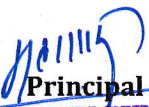
| Class | Name of Teacher | Subject | Course Title and Code | Lab Course and Code | Total Lectures |
|---------------------------|--------------------|---------------|------------------------------------|----------------------------|-------------------|
| B.Sc. BT. II (IV Sem.) | Ms. K. S. Komatwar | Biotechnology | Process Biotechnology U-PRB-499 | Lab Course XV U-LAC-503 | 45 (3-Credits) |

2. Summary of Lesson Plan

| Sr. No. | Unit and Chapter to be covered | Expected No. of Lectures | Date | Academic activities to be organized | No of Test/ Assignment with topic and date |
|---------|---|--------------------------|--------------------------------|---|---|
| 1 | Unit I: Introduction to Concepts of Bioprocess engineering | 11 | 06.12.2023 to 29.12.2023 | Quiz | Online MCQ Test |
| 2 | Unit II: Air & Media Sterilization | 11 | 30.12.2023 to 27.01.2024 | Coaching for Entrance Examination (IIT JAM, JNU etc.) | Activity based Unit Test-I Home Assignment 19.01.2024 |
| 3 | Unit III: Types of Bioprocess, Screening and Strain Improvement of Microorganism | 12 | 31.01.2024 to 29.02.2024 | Workshop | Surprise Test |
| 4 | Unit IV: Measurement & Control of Bioprocess Parameters | 11 | 01.03.2024 to 29.03.2024 | Guest Lecture | Unit Test II (MCQ) 06.03.2024 |


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Department of Food Processing Technology

Structured Work Plan for Teaching

Academic Year 2023-24 (Term-II)


1. Details of Classes to be taught


| Class | Name of Teacher | Subject | Course Title and Code | Lab Course and Code | Total Lectures |
|--------------------------|--------------------|---------------|--|--------------------------|-------------------|
| M.Sc. BT II (IV Sem.) | Ms. K. S. Komatwar | Biotechnology | Clinical Research, IPR, Bioentrepreneurship & Start Up P-CBS-435 | Lab Course XIV P-LAC-437 | 60 (4-Credits) |

2. Summary of Lesson Plan

| Sr. No. | Unit and Chapter to be covered | Expected No. of Lectures | Date | Academic activities to be organized | No of Test/ Assignment with topic and date |
|---------|--|--------------------------|--------------------------|---|---|
| 1 | Unit I: Introduction to Clinical Research | 17 | 06.12.2023 to 27.12.2023 | Quiz | Online MCQ Test |
| 2 | Unit II: IPR | 17 | 28.12.2023 to 25.01.2024 | Coaching for Entrance Examination (IIT JAM, JNU etc.) | Activity based Unit Test-I Home Assignment 19.01.2024 |
| 3 | Unit III: General Pharmacology | 13 | 27.01.2024 to 26.02.2024 | Workshop | Surprise Test |
| 4 | Unit IV: Bio-entrepreneurship | 13 | 27.02.2024 to 29.03.2024 | Guest Lecture | Unit Test II (MCQ) 06.03.2024 |


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